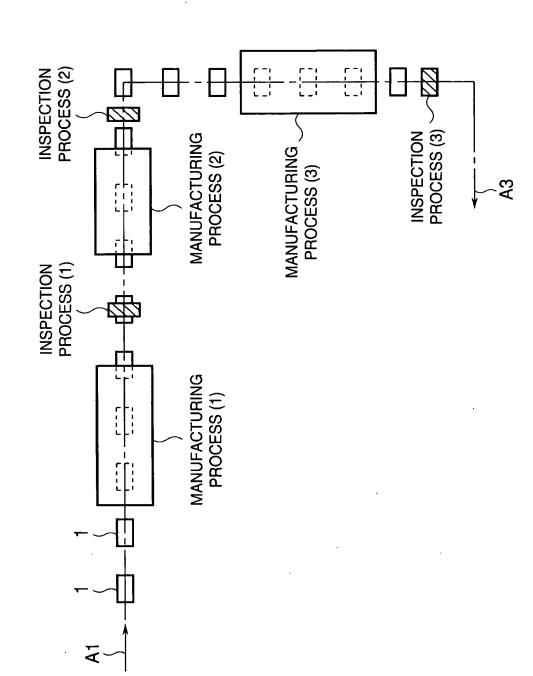
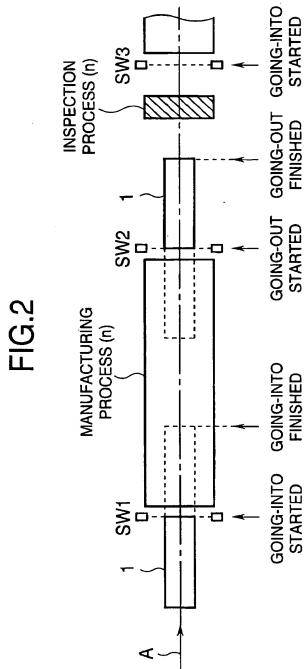
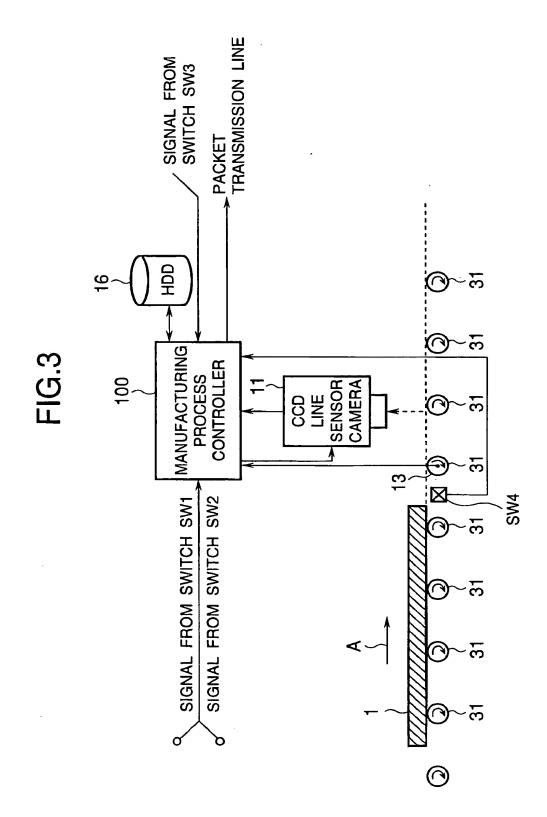
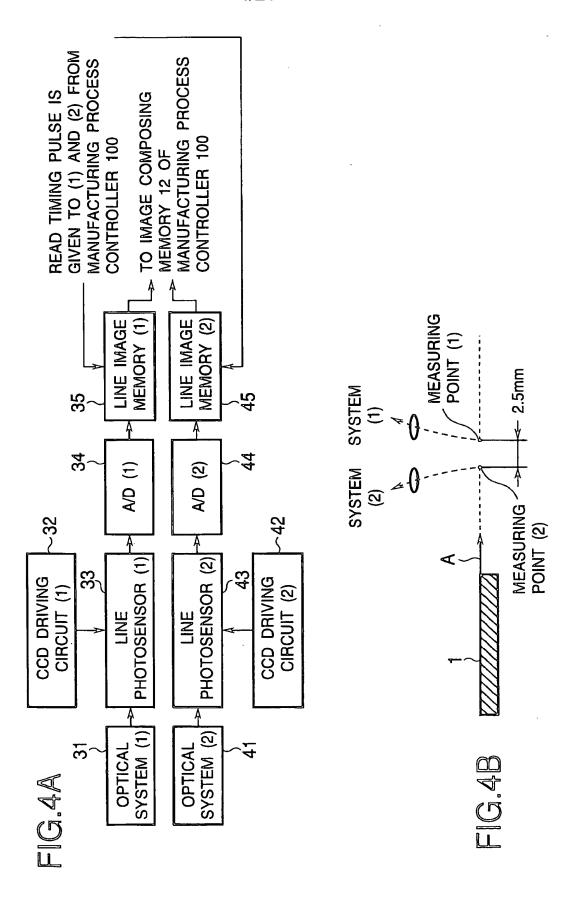
F1G.1



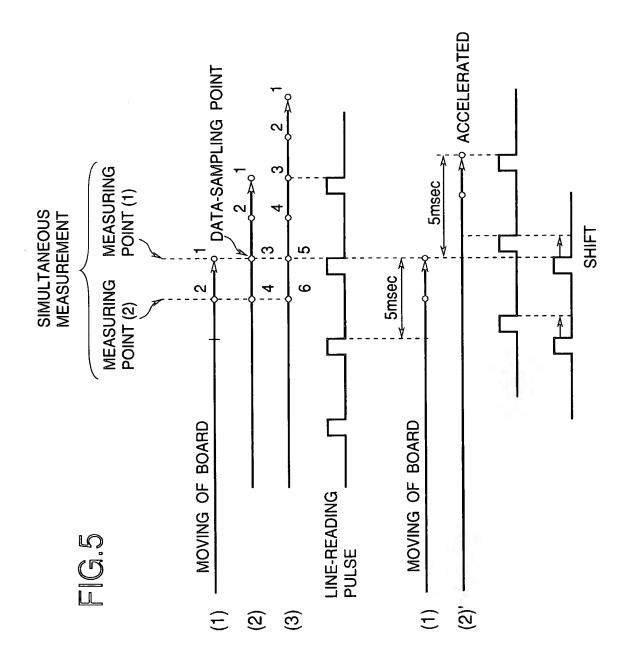




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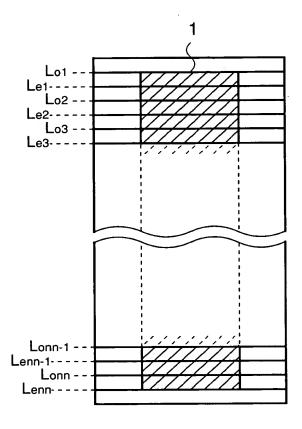


And Sand with their wall than their from the Cold than the training their



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FIG.6







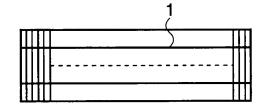


FIG.7B

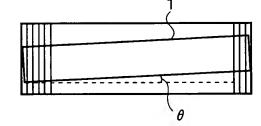


FIG.7C

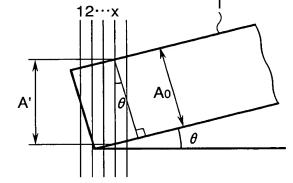


FIG.8A

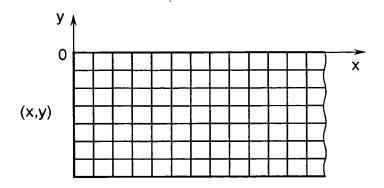
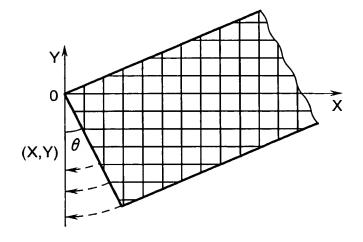
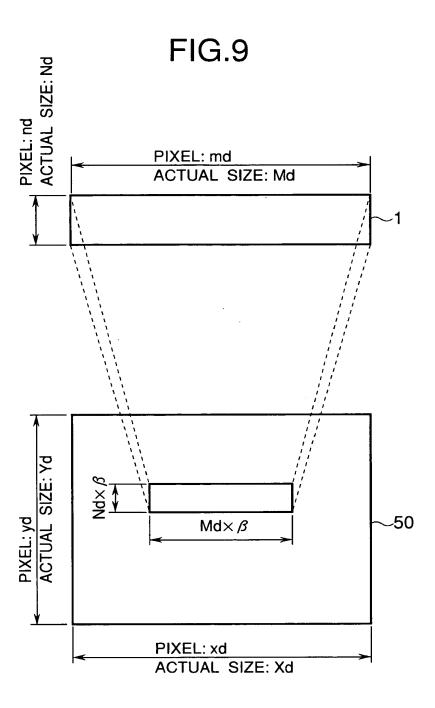
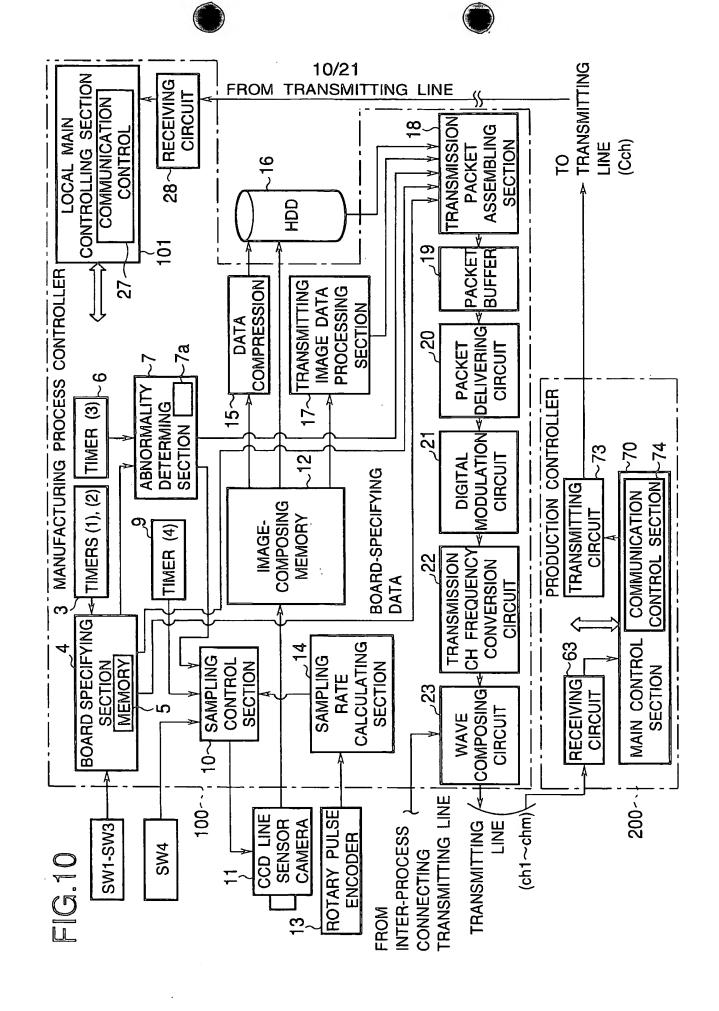


FIG.8B





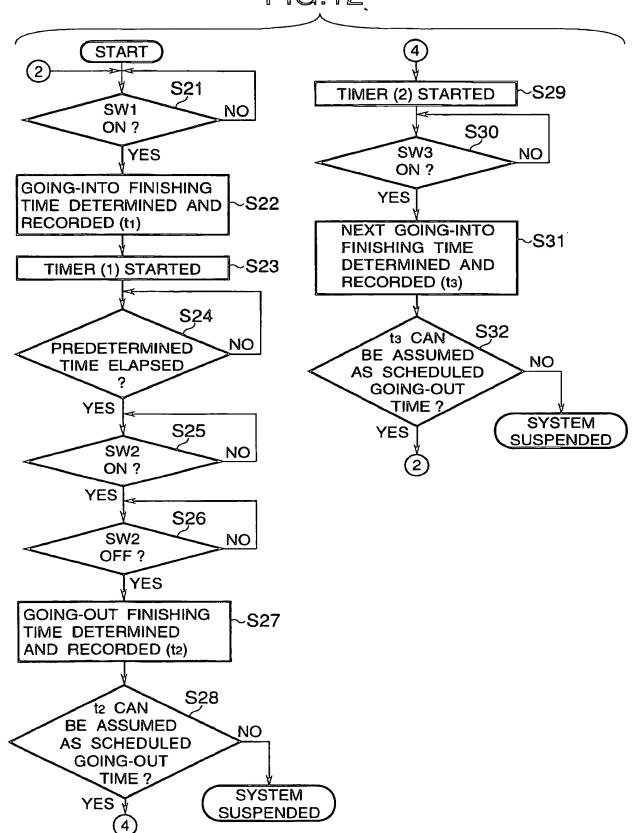
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11/21 FIG.11 SYSTEM START SUSPENSION S₁ (1)SYSTEM S11 NO POWER ON t₂ IS NO **ABNORMAL** S12 YES YES ts IS NO ·S2 INITIALIZATION **ABNORMAL YES** CONTROLLING OF ·S3 ② **NETWORK** COMMUNICATION SUSPENSION OF INSPECTION IS INSTRUCTED TO ~S13 **BOARD-SPECIFYING** SAMPLING CONTROL CONTROL SECTION 10 AND OCCURRENCE OF ABNORMALITY IS LINE IMAGE DATA TRANSMITTED TO **S**5 SAMPLING AND IMAGE PRODUCTION COMPOSE CONTROL **CONTROLLER 200** (3) PACKET CONTROL **S6** -S14 TIMER (3) STARTED **S15** SYSTEM SUSPENSION -S7 INSPECTION YES **RESTARTED? END** NO S16 NO PREDETERMINED TIME ELAPSED? YES SYSTEM-SUSPENDING **S17 PROCEDURE END**

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FIG.12



13/21 FIG.13 (6)START **S41** WORKING INTO SW4 NO **TRANSMISSION** ~S52 ON? **IMAGE DATA S42** YES **S**53 NO TIMER (4) STARTED SW4 ON? YES VALUE OF ROTARY PULSE S43 **S54 ENCODER READ OUT** SUSPENSION NO OF INSPECTION CORRECTION OF SAMPLING **S44** INSTRUCTED RATE CALCULATED YES **S45** ANY CHANGE IN YES **OUTPUT OF ROTARY** PULSE ENCODER **S46** NO **ABNORMAL** NO VALUE? **S47** YES NO PREDETERMINED TIME ELAPSED ? YES SAMPLING OF LINE IMAGE DATA WITH CORRECTED ·S48 SAMPLING RATE SAMPLED DATA RECORDED ·S49 IMAGE COMPOSE S50 DATA COMPRESSION AND √S51 **ACCUMULATION**

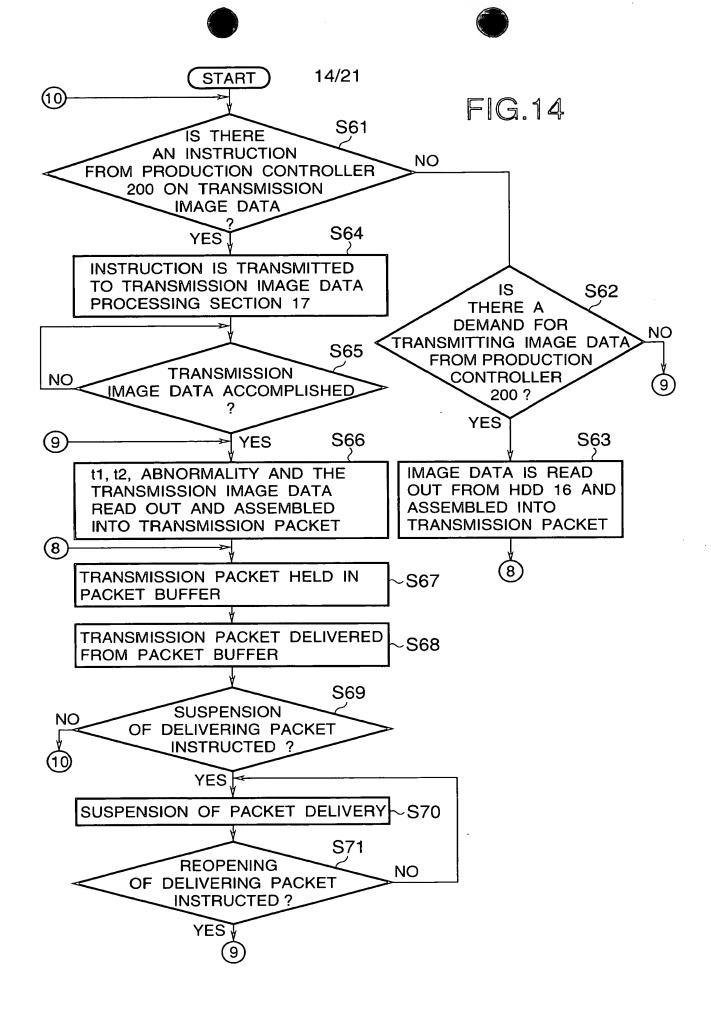
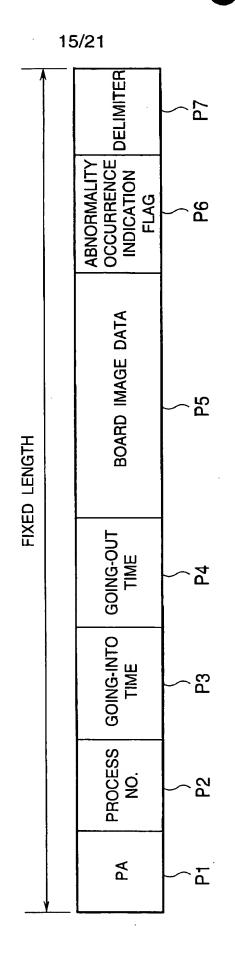


FIG.15



COMPOSITE WAVE FORM

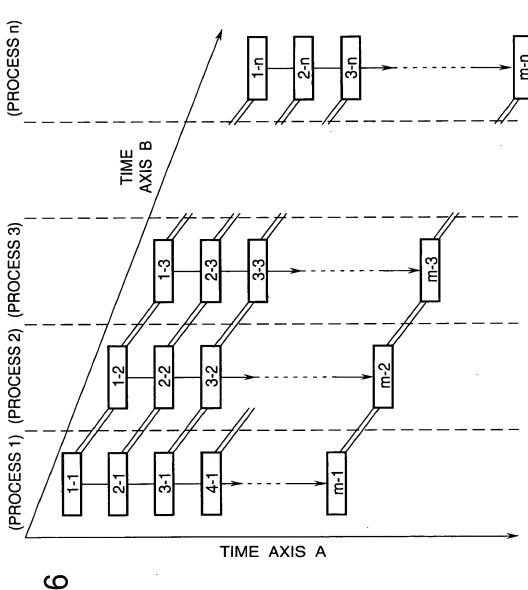
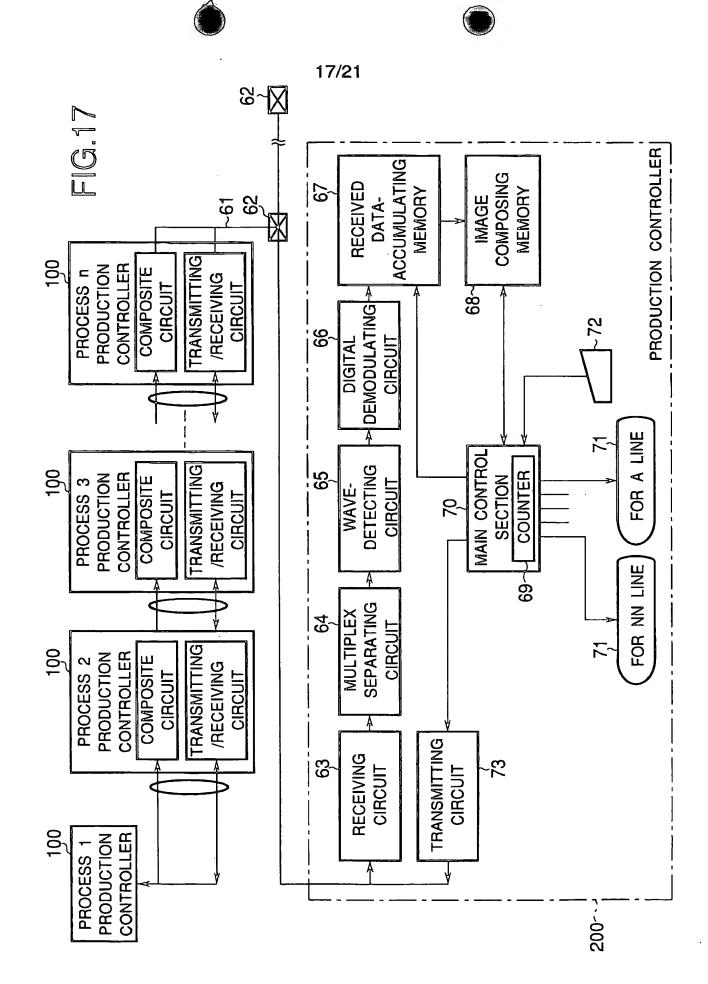


FIG.16



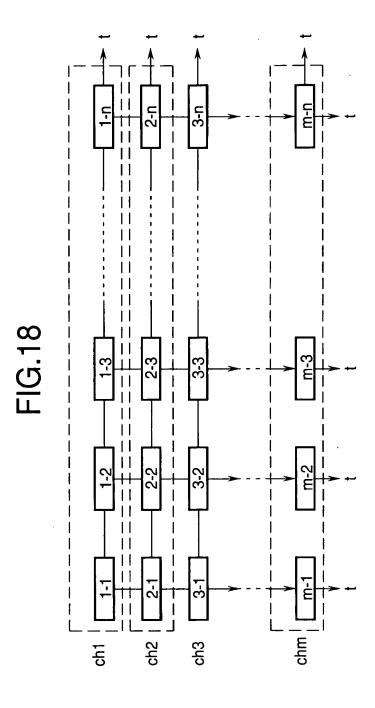
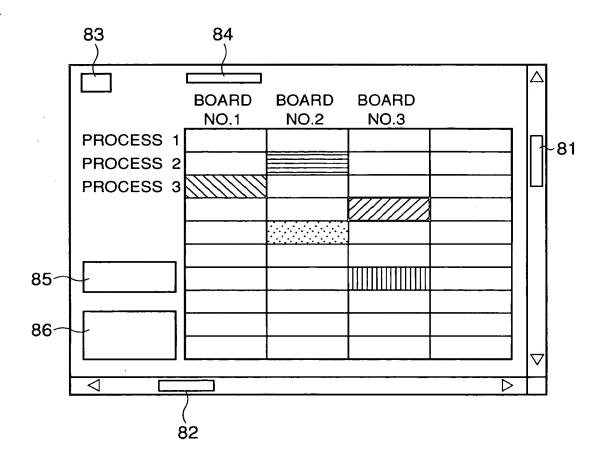
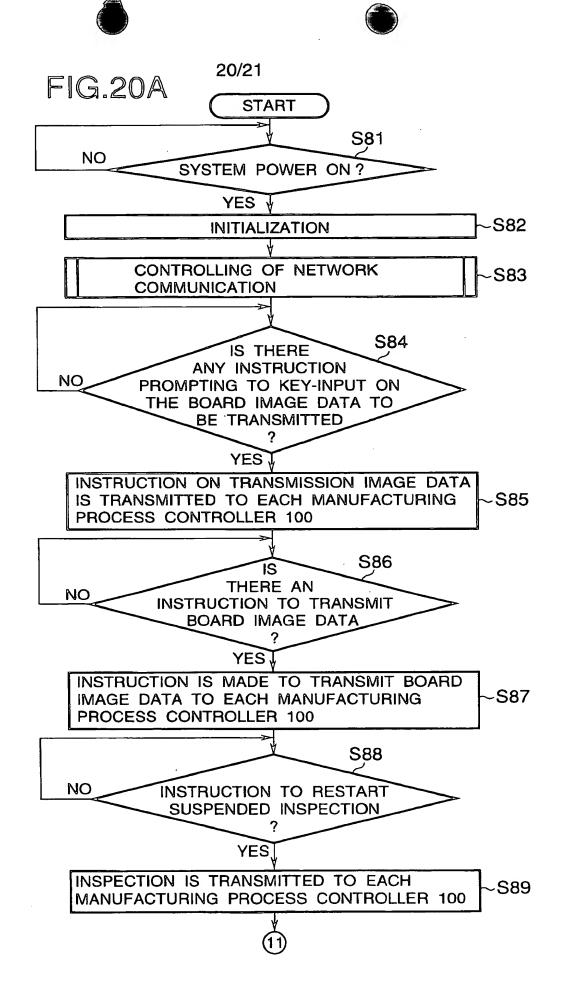


FIG.19



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